

S097119



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

SWA10A-2-OH

Job Sheet OH181477



Part No: SWA10A-2-OH

Job Qty: 1 ea

Part Name: Electric Swivel 10,000 lb Safe Work Load (4,536 Kg)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/27/18

Job Tracking No: RA376

Due Date: 8/3/18

Created By: Michelle Gagnon-Donovan

Type: Rework - OH

Description: SN: CNAM1061-05

Note: DWG SWA10A Rev. 3 IPP Rev. A 18.06.01 new issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	8/3/18	8/3/18	0.00	0.00	Start Up Small Fab-2		cmf 18.07.27
110	Small Fab	1 pcs	8/3/18	8/3/18	0.00	1.00	Small Fab-6		AIP
120	QC	1 pcs	8/3/18	8/3/18	0.00	0.00	QC5		SB
125	Customer Acceptance	1 pcs	8/3/18	8/3/18	0.00	0.00	QC6		
130	Outsource	1 pcs	8/3/18	8/3/18			SKY002-VC	15 AUG 29 2018	P.O. 040875
140	Packaging	1 pcs	8/3/18	8/3/18	0.00	0.00	Packaging2	9-8	SEP 04 2018
180	QC	1 pcs	8/3/18	8/3/18	0.00	0.00	QC6		38
190	Small Fab	1 pcs	8/3/18	8/3/18	0.00	1.00	Small Fab-5		9-88
200	QC	1 pcs	8/3/18	8/3/18	0.00	0.00	QC5		SB
210	DC	1 pcs	8/3/18	8/3/18	0.00	0.00	DC		SEP 10 2018
220	Packaging	1 pcs	8/3/18	8/3/18	0.00	0.00	Packaging3-2		SB
230	QC21-FG	1 Ea	8/3/18	8/3/18	0.00	0.00	QC21		SEP 10 2018

Part Op 110 - TEST ASSEMBLY. DISASSEMBLE ASSEMBLY. INSPECT DAMAGE PART.

Descriptions: 120 -

190 - RE-ASSEMBLE. ***All assembly to be done in accordance with manual*** TEST ASSEMBLY.

210 - P



1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S097119



Part: SWA10A-2

Job No: OH181477

Serial No / Batch: CNAM1061-05

Revision: 3

Inspector:

Exp Date:

Instructions:

Date: 09/04/18

P.T.O.

7/27/18 2:13 PM Dart.Gagnon.Michelle

55/3

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
SWA10A-2-AR	Electric Swivel 10,000 lb Safe Work Load (4,536 Kg)	1 pcs (1 ea)	90-Start up Operation	
188-FPSS-1032-5/8	Set Screw	1 Ea (1 ea)	190-Small Fab	5037083
188-FSCS-1032-5/8	Set Screw	4 Ea (4 ea)	190-Small Fab	5078378
C10-28	Swivel Bushing, C10/SWA10	1 Ea (1 ea)	190-Small Fab	
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	190-Small Fab	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	190-Small Fab	
EL314-SJTOW	Long Line Electrical Wire, 14/3 Gauge	6 ft (6 ea)	190-Small Fab	5047767
SWA10A-100	Lower End	1 Ea (1 ea)	190-Small Fab	
SWA10A-1100	Upper DU Bearing	1 Ea (1 ea)	190-Small Fab	5097839
SWA10A-1200 P	Lower DU Bearing	1 Ea (1 ea)	190-Small Fab	5059451
SWA10A-1300	Roller Thrust Bearing	1 Ea (1 ea)	190-Small Fab	5047196
SWA10A-1400	Circlip	1 Ea (1 ea)	190-Small Fab	5077643
SWA10A-1800	Cover	1 Ea (1 ea)	190-Small Fab	
SWA10A-200	Upper End Swivel	1 Ea (1 ea)	190-Small Fab	
SWA10A-300	Bearing Housing	1 Ea (1 ea)	190-Small Fab	
SWA10A-400	Thrust Washer	1 Ea (1 ea)	190-Small Fab	5098218
SWA10A-500	Semi-Rings	1 Ea (1 ea)	190-Small Fab	
SWA10A-600	Collar	1 Ea (1 ea)	190-Small Fab	
SWA10A-700	Wire Clamp	2 Ea (2 ea)	190-Small Fab	
SWA6A-1900	1/4" Female Spade Connector	4 Ea (4 ea)	190-Small Fab	5073060 5047603
SWA6A-800A	Connector Bushing	1 Ea (1 ea)	190-Small Fab	
SWA6A-900A	Rotary Connector - 2 wire	1 pcs (1 ea)	190-Small Fab	
SWA10A-700 A				5067645

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	SWA10A-2	1	0	0
190-Small Fab	188-FPSS-1032-5/8	1	368	0
	188-FSCS-1032-5/8	4	281	0
	C10-28	1	46	0
	EL-PLUG-F	1	46	0
	EL-PLUG-M	1	75	0
	EL314-SJTOW	6	200	0
	SWA10A-100	1	10	0
	SWA10A-1100	1	0	0
	SWA10A-1200	1	31	0
	SWA10A-1300	1	29	0
	SWA10A-1400	1	30	0
	SWA10A-1800	1	0	0
	SWA10A-200	1	20	0
	SWA10A-300	1	0	0
	SWA10A-400	1	0	0
	SWA10A-500	1	30	0
	SWA10A-600	1	0	0
	SWA10A-700	2	46	0
	SWA6A-1900	4	558	0
	SWA6A-800A	1	23	0
	SWA6A-900A	1	15	0

Part Specifications

Specifications could not be found.

Grease aeroshell m/138724
 Loctite 242 m/138766
 SAFT-eze anti-seize m/128063
 Silicone GE m/138942

Plex 7/27/18 2:13 PM Dart.Gagnon.Michelle

Inspection Sheet Complete RA376

Customer QA Ref #

0

Part Number	Batch / Serial #	Quantity	Part Complete	Rev/CHG Current	New Paperwork	New Labels	Disposition	Work order #	Work order instructions
SWA10A-2	CNAM1061-05	1	☐ Yes	☐ Yes	☐ Yes	☐ Yes	CUSTOMER SUPPLIED	S093833	Overhaul
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			
0		0	☐ Yes	☐ Yes	☐ Yes	☐ Yes			

QC Approval: _____ 0

Date: 0-Jan-00 _____

RETURN AUTHORIZATION



RA #:

RA376

Date:

July 5, 2018

Attention:

Ella Ko

E-mail:

ellako@gvgtech.com

From:

Jennifer Renwick

RETURN ADDRESS

☒ Hawkesbury

Dart Aerospace Ltd.

1270 Aberdeen Street

Hawkesbury, ON K6A 1K7, CA

1-613-632-3336

☐ Vista

Dart Aerospace Ltd.

3030 Enterprise Court, Suite A

Vista, CA 92081-8347, US

1-760-724-5300

☐ Eugene

Dart Aerospace Ltd.

190 S. Danebo Avenue

Eugene, OR 97402, US

1-541-344-9953

SHIPPING

Courier: Customers Choice

Account #: Customers Account

FedEx International Economy
844126247

COMMERCIAL INVOICE INFORMATION

Item #1		Item #2	
P/N:	SWA10A-2	P/N:	0
Description:	Swivel	Description:	0
Qty:	1	Qty:	0
Flown:	Yes	Flown:	0
Customs Value USD:	\$500	Customs Value USD:	\$0
Batch / Serial #	TBA <i>CNAM1061-05</i>	Batch / Serial #	0
Item #3		Item #4	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0
Item #5		Item #6	
P/N:	0	P/N:	0
Description:	0	Description:	0
Qty:	0	Qty:	0
Flown:	0	Flown:	0
Customs Value USD:	\$0	Customs Value USD:	\$0
Batch / Serial #	0	Batch / Serial #	0

ADDITIONAL RETURN AUTHORIZATION INFORMATION

- Print RA form, complete Part Disposition section and include a copy with the shipment.
- Ensure the RA number is referenced on all documents. Failure to do so may result in delivery refusal.
- Ensure the shipment is directed to the correct facility referenced above. Failure to do so will result in delays and additional shipping costs.
- Commercial invoice must include the following statement: "Parts are aircraft parts being returned to the manufacturer."
- International shipments require commercial invoice attached to the outside of the box.
- Where applicable, the original Release Certificate, STC's, Installation Instructions, Maintenance Manual Supplement, Flight Manual Supplement, packing slips and removable tag must accompany the shipment.
- Return authorization expires in 30 days. If no charge products were supplied, these will be invoiced upon expiration of the RA.
- Returned items will be fully inspected by Quality Control and credit will be issued for items deemed to be new, un-flown, traceable and to the current revision.
- A 15% minimum restocking fee applies, additional fees may apply upon receipt and inspection if items require rework or cannot be returned to stock.
- Items should be adequately packaged to prevent shipping damage.
- For complete terms & conditions, visit www.dartaerospace.com

PART DISPOSITION (To be completed and returned by customer)

Reason for return:

Electric wire disconnection & turn over haul.



PURCHASE ORDER

ORDER NO : 18GVG0707
 DATE : 6-Jul-18
 YOUR REF :

ASK INC
 B-1103 Doosan The Land Tower
 152 Magokseo-ro, Gangseo-gu
 Seoul, Korea 07788
 TEL:(82-10) 8507 - 2637

TO GVG TECH CORP
 65 CHALLENGER RD SUITE 440,RIDGEFIELD PARK, NJ 07660
 ATTN Stan Youn

Tel) +201-994-4914

1. PAYMENT TERMS Payment will be made by a Telegraphic Transfer (Net 30 Days)
 2. MAKER & ORIGIN USA
 3. FREIGHT FORWARDER Fedex International ECONOMY (Account no. 844126247)

4. TRANSFORTATION AIR SHIPMENT

5. SHIP TO ADDRESS B-1103 DOOSAN THE LAND TOWER
 152Magokseo-ro, Gangseo-gu, Seoul, Korea 07798
 Attn : Mr. Hyunbae Son Moblie) + 82 10 8507 2637

6. REMARKS
 1. Shiment shall be made in (1) package.
 2. In accordance with FTA between Republic of Korea and your country,
 "Certificate of Origin" shall be provided at the time of shipment

Item#	Commodity	& Description	Unit	Qty	Unit Price	Amount	Shipment
1	SWA10A-2	ELECTRIC SWIVEL 10,000 LB SAFE WO MFG : DART AEROSPACE CERT : FAA 8130-3, MFG COC S/N CNAM1061-05 COND : REPAIR & OVERHAUL	1	EA	980.00	980.00	AIR

※ Part will be shipped on FedEx for repair

TOTAL

USD

\$980.00

Quality document

FAA 8130 or EASA Approva form
 Certificate Of Conformance

By acceptance of this Purchase Contract, Seller agrees
 to and shall be bound by the instructions, terms and
 conditions herein

VERY TRULY YOURS

ASK INC

ACCEPTED BY

ISSUED BY
 HYUNBAE SON / PRESIDENT
 E-mail: hiteson@gmail.com

01085072637

SHIP DATE: 16JUL18
ACTWGT: 9.00 KG
CAD: 110559697/NET3981
DIMS: 20x30x15 CM

BILL SENDER

**TO JENNIFER RENWICK
DART AEROSPACE LTD.
1270 ABERDEEN STREET
HAWKESBURY, ON
HAWKESBURY ON K6A1K7
(613) 632-3336 REF:**

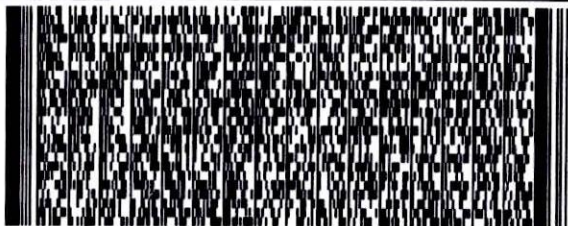
(CA)

552.J2/8532.DCA5

(613) 632-3336

REF

DEPT



TRK# 7727 1005 4410
0430

PM
INTL ECONOMY

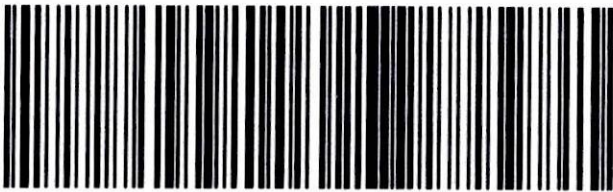
PM

DSR

K6A 1K7

ON-CA **YMX**

S2 YMXA



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하
하
하
하

- 수확인 사본 · 판은 천 알맹 놓으십시오.
1. 인착된 페이지를 가로방향으로 접으십시오.
 2. 라벨을 송파와치 안에 넣고 화물에 부착하십시오.

[illegible][illegible]

ORIGIN ID: JSPA 01085072637
Hyunbae Son
ASK Inc
Doosan The Land Tower B-1103
152 Magokseo-ro, Gangseo-gu
SEOUL-SI GANGSEO-GU, 07788
SOUTH KOREA, KR

Ship Date: 16JUL18
ActWgt: 9.00 KG
CAD: 110559897/INET3981

Dims: 20x30x15 CM
BILL SENDER
EIN/VAT:

TO Jennifer Renwick
DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON
HAWKESBURY, ON K6A1K7

(613) 632-3336

FedEx
Express

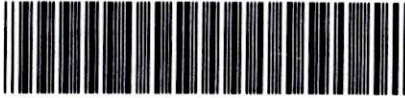
(CA)



AWB

S2 YMXA

DSR
PKG TYPE: CUSTOMER



TRK# 7727 1005 4410

Form
0430

PM

INTL ECONOMY

REF:
DESC1: SWA10A-2 (AIRCRAFT ELECTRIC SWIVEL) FOR REPAIR
DESC2:
DESC3:
DESC4:

COUNTRY MFG: CA
CARRIAGE VALUE: 500.00 USD
CUSTOMS VALUE: 500.00 USD

SIGN: Hyunbae Son
T/C: S 844126247
D/T: S 844126247

For all commodities, technology or software previously exported from the United States, this was done in accordance with the Export Administration Regulations. Diversion of these items contrary to U.S. law or any other applicable country's law is prohibited.
The Montreal or Warsaw Convention may apply and will govern and in most cases limit the liability of Federal Express for loss or delay of or damage to your shipment. Subject to the conditions of the contract on the reverse.

FEDEX AWB COPY - PLEASE PLACE IN POUCH

이 라벨을 인쇄한 후:
FedEx AWB 사본 - 수취인 사본 뒤에 붙여주세요.
1. 인쇄된 페이지를 가로방향으로 꼭 붙여주세요.
2. 라벨을 발송 파우치 안에 넣고 화물에 부착하십시오.



COMMERCIAL INVOICE & PACKING LIST

Doosan The Land Tower B-1103
152 Magokseo-ro, Gangseo-gu
Seoul, Korea (07788)
TEL:82-10-8507-2637

1. Shipper Exporter ASK Inc. Doosan The Land Tower B-1103 152 Magokseo-ro, Gangseo-gu Seoul, Korea (07788)	4. No. & date of invoice EXPO180716 16-Jul-18
2. For Account & Risk of Messrs DART Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON, K6A 1K7 CA Attn: Jennifer Renwick (T. 613-632-3336)	5. Port of Loading Incheon Airport 6. Final Destination Montreal Airport
3. Notify party GVG Tech Corp. 65 Challenger Rd. Suite 440 Ridgefield Park, NJ 07660 Attn: Ella Ko (T. 201 - 994 - 4914)	7. Carrier FedEx International Priority (Account on. 844126247) 8. Sailing on or about 9. Remark ORDER NO. 18GVG0707 PARTS ARE AIRCRAFT PARTS BEING RETURNED TO THE MANUFACTURER FOR REPAIR & OVERHAUL The price stated on this invoice is "Customs purpose only" 10. Freight Charges Prepaid

11. PART NO	12. NAME	13. U/PRICE	14. Q'TY	15. AMOUNT
SWA10A-2	ELECTRIC SWIVEL 10,000 LB	\$500.00	1	\$500.00
	SAFE WORK LOAD (4,536 KG)			
S/N CNAM1061-05	HS CODE :	8311.30.9090		
	COUNTRY OF ORIGIN :	CANADA		

Dimension : 20cm x 30cm x 15cm, Gross weight 9Kg

7727 1005 4410
1/ U

TOTAL	U\$ 500.00
-------	------------

ASK INC.

19. Signed by :

Hyunbae Son/President
ASK Inc

RA376

Received Date:

9-Jul-2018

Inspection date:

Waiting on job #

QC Approval:

DART AEROSPACE	Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K64 1K7 CANADA TEL.: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com
Container No: S093833	
	
Part: SWA10A-2	
Job No:	
Serial No/Batch: 000000324	
Revision:	
Inspector:	<i>CNAM 1061-05</i>
Exp Date:	
Instructions:	Date: 07/19/18

Work Order OH 181477

Customer _____

Number of Wires 2Date 2018 / 08 / 28Serial Number CNAM1061-05

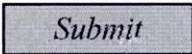
Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	10,000	Check for Conductivity against all wires.	FAIL → Black wire
1	10,000	Check all wires for grounding against swivel body.	PASS
1	5,000	Check for Conductivity against all wires.	FAIL → Black wire
1	5,000	Check all wires for grounding against swivel body.	PASS
1	2,500	Check for Conductivity against all wires.	FAIL → Black wire
1	2,500	Check all wires for grounding against swivel body.	PASS
1	0	Check for Conductivity against all wires.	FAIL → Black wire
1	0	Check all wires for grounding against swivel body.	PASS

Test Conducted By: ALAN PATRY

Signature: _____

Technician

QC 5 Small FAB / QA

Submit



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040874**

Supplier: SKY002-VC
Skyservice
6120 Midfield Road
Mississauga
ON
L5P 1B1 Canada
Phone: 905-678-5636
Fax: 905-678-5841

PO No: PO040874
PO Date: 8/29/18
Due Date: 9/4/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	OH182544	SWA3-3-OH	Electric Swivel 3,000 lb Safe Work Load (1,360 kg)	Firmed	-	9/4/18	1 pcs	0 pcs	1 pcs	\$89.00/pcs	\$89.00
				1 X		SEP 04 2018					
	OH182543			Firmed	-	9/4/18	1 pcs	0 pcs	1 pcs	\$89.00/pcs	\$89.00
	OH182542			Firmed	-	9/4/18	1 pcs	0 pcs	1 pcs	\$89.00/pcs	\$89.00
				1 X		SEP 04 2018					
Sub Total:							3	0	3		\$267.00
2	OH181477	SWA10A-2-OH	Electric Swivel 10,000 lb Safe Work Load (4,536 Kg)	Firmed	-	9/4/18	1 pcs	0 pcs	1 pcs	\$89.00/pcs	\$89.00
				1 X		SEP 04 2018					
3	ROH180971	SWA15A-3-OH	Electric Swivel 15,000 lb Safe Work Load (6,818 kg)	Firmed	-	9/4/18	1 pcs	0 pcs	1 pcs	\$89.00/pcs	\$89.00
				1 X		SEP 04 2018					
Grand Total:											\$445.00

DAS
38
9-89

CL

Procurement Quality Clauses

A017 raw material identification (as applicable)

A026 certification of material conformance

A043 retension of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 9/4/18 9:23 AM dart.lavoie.chantal

**skyservice****Work Order Traveler**
Sky Service F.B.O. Inc.

10105 Ryan Avenue, Dorval, Quebec, H9P 1A2

TCCA AMO 53-89 / EASA 145.7142 / BDA AMO 385

WO #: MWO37237	Customer: Dart Aerospace Ltd.	Dept: NDT YUL	Reference: PO040874
Descr:	PN:	S/N:	Qty: 1
Make:	Model:	Reg:	A/C S/N:
TSN:	CSN:	TSO:	
Task: UNSCHEDULED			Sequence: 1

Work Required:

CARRY OUT NDT ON EIGHTEEN PARTS AS PER PO: PO040874

1 ELECTRIC SWIVEL , P/N# SWA15A-3-OH , J/S# ROH180971 ✓

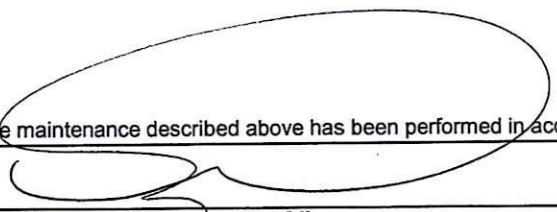
3 ELECTRIC SWIVEL , P/N SWA3-3-OH , J/S# OH182544 , OH182543 , OH182542 ✓

1 ELECTRIC SWIVEL , P/N# SWA10A-2-OH , J/S# OH181477 ✓

DAS
61
9-89

Action Taken:						Date:	Initial/Stamp:
MPI C/O IAW ASTM E-1444 REV. 16						AUG 30 2018	 
NO CRACK FOUND							
MAGBENCH S/N 208123 CAL DUE: 16-OCT-2018						DAS 38 9-89	
POWDER 14A BATCH# MPO13600							
CARRIER II BATCH# MPO20165							
Description	Location	P/N	Qty	Batch	S/N Off	S/N On	

I certified that the maintenance described above has been performed in accordance with the applicable standard of airworthiness.

Signature: 	ACA/SCA Stamp 	Date: AUG 30 2018
Name: RAFIK MELIKIAN		

Work Order OH181477Customer RA376Number of Wires 2Date 17/09/18Serial Number CNAM1061-05

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	10,000	Check for Conductivity against all wires.	Pass
1	10,000	Check all wires for grounding against swivel body.	Pass
1	5,000	Check for Conductivity against all wires.	Pass
1	5,000	Check all wires for grounding against swivel body.	Pass
1	2,500	Check for Conductivity against all wires.	Pass
1	2,500	Check all wires for grounding against swivel body.	Pass
1	0	Check for Conductivity against all wires.	Pass
1	0	Check all wires for grounding against swivel body.	Pass

Test Conducted By: Francis Lacroix

Technician

Signature: _____

QC 5 Small FAB / QA

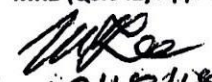
WORK ORDER NON-CONFORMANCE / UPDATE

Date: _____

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :	Step #:	QTY Effective :	MRB (QSI042) Approval  06/11/18 Completed By A. PATRY
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Description Work Order Deviation	Disposition	
REPLACE P/N: SWA10A-700 WIRE CLAMP WITH P/N: SW10A-700A	- THE SW10A-700A CLAMP PROVIDES A SUPERIOR CLAMP ON THE WIRE WITHOUT DAMAGING THE WIRE. - THIS DEVIATION IS ACCEPTABLE	Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval

Root Cause			FAULT CATEGORY		
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☒	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under toleran ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : ☐			
Misidentified ☐	Past Due ☐				